

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|---------------------|
| S1 | 74 | cole barrett.in. | US-PGPUB; USPAT | ADJ | ON | 2008/01/10 11:22 |
| S2 | 12 | gu yuandong.in. | US-PGPUB; USPAT | ADJ | ON | 2007/06/07 17:21 |
| S3 | 312 | particle detector and fluorescents | US-PGPUB; USPAT | ADJ | ON | 2007/06/07 17:21 |
| S4 | 804 | particle adj (detector or analyzer) and fluorescents | US-PGPUB; USPAT | ADJ | ON | 2007/06/07 17:40 |
| S5 | 804 | particle adj (detector or analyzer) and fluorescent | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:08 |
| S6 | 120 | S5 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/07 17:41 |
| S7 | 94 | S6 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/07 17:41 |
| S8 | 30 | ((("2002003115") or ("200200183858") or ("4754139") or ("4614961") or ("4752694") or ("4956686") or ("5021663") or ("5076097") or ("5146465") or ("5278435") or ("5286976") or ("5293041") or ("5300777") or ("5300915") or ("5550373") or ("5550373") or ("5667538") or ("5679965") or ("5701012") or ("5739554") or ("5834331") or ("5847397") or ("5900650") or ("5909280") or ("5999250") or ("6080988") or ("6097031") or ("6230572") or ("6287940") or ("6295130") or ("6296779") or ("6324192") or ("6590710"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/12/18 08:37 |
| S13 | 26 | S8 and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 12:58 |
| S15 | 22 | S13 and temperature | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 12:59 |
| S16 | 21 | S15 and surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 12:59 |
| S17 | 3451 | particle adj (analyzer or detector) and device | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:08 |
| S18 | 345 | S17 and substrate and collection and temperature | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:09 |

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|-----|-------|--|--------------------|-----|-----|---------------------|
| S19 | 120 | S18 and adjust | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:33 |
| S20 | 9 | 436/172.ccls. and substrate and analyzer and collector and temperature | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:35 |
| S21 | 138 | "436".clas. and substrate and analyzer and collector and temperature | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 10:50 |
| S22 | 29 | 436/172.ccls. and sample and aerosol and energy and detector | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 13:49 |
| S23 | 47 | 436/172.ccls. and sample and aerosol and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 15:59 |
| S24 | 6 | 436/172.ccls. and sample and aerosol and fluorescence and illuminate and heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 14:52 |
| S25 | 6 | 436/172.ccls. and sample and aerosol and fluoresc\$ and illuminate and heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 15:18 |
| S26 | 65 | "436" and sample and aerosol and fluoresc\$ and illuminate and heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 15:18 |
| S27 | 28 | "436".clas. and sample and aerosol and fluoresc\$ and illuminate and heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 15:24 |
| S28 | 286 | sample and aerosol and fluoresc\$ and illuminate and (heat or incubate) | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 15:24 |
| S29 | 616 | 436/172.ccls. and sample and fluoresc\$ and (heat or incubate) | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:00 |
| S30 | 272 | 436/172.ccls. and sample and fluoresc\$ and (heat or incubate) and illuminat\$ | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:00 |
| S31 | 81857 | sample and fluoresc\$ and (heat or incubate) | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:30 |
| S32 | 51535 | S31 and biological | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:30 |
| S33 | 70921 | S31 and chemical | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:30 |
| S34 | 4277 | S32 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:30 |
| S35 | 3345 | S34 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:31 |
| S36 | 262 | S35 and humidity | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 16:45 |
| S37 | 1 | ("5674098").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/12 16:45 |

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|-----|-------|--|---------------------------|-----|----|---------------------|
| S38 | 4 | ("3992158" "4069017" "4110079" "4166093").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/12 16:45 |
| S39 | 311 | ("3992158").URPN. | USPAT | ADJ | ON | 2007/06/12 17:03 |
| S40 | 1941 | 436/172.ccls. | USPAT | ADJ | ON | 2007/06/13 12:44 |
| S41 | 1596 | S40 and @py<="2004" and @ay<="2004" | USPAT | ADJ | ON | 2007/06/12 17:04 |
| S42 | 532 | S41 and (incubate or heat) | USPAT | ADJ | ON | 2007/06/12 17:36 |
| S43 | 8831 | "436".clas. and substrate and sample and temperature | USPAT | ADJ | ON | 2007/06/12 17:37 |
| S44 | 2028 | S43 and (analyzer or detector) and particle | USPAT | ADJ | ON | 2007/06/12 17:37 |
| S45 | 1641 | S44 and @py<="2004" and @ay<="2004" | USPAT | ADJ | ON | 2007/06/12 17:40 |
| S46 | 171 | S45 and temperature near5 surface | USPAT | ADJ | ON | 2007/06/12 18:18 |
| S47 | 8 | biosensor and (fluorescence or fluorescent) and heater near5 surface | USPAT | ADJ | ON | 2007/06/12 18:19 |
| S48 | 12070 | fluorescence and biological and heat and temperature and (analyzer or detector) | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 18:49 |
| S49 | 7281 | S48 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 18:49 |
| S50 | 3634 | S49 and biological near3 sample | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 19:02 |
| S51 | 85 | S50 and 436/172.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 19:21 |
| S52 | 31 | biosensor and surface near5 heater | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 19:36 |
| S53 | 283 | aerosol and particle analyzer | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 19:37 |
| S54 | 69 | S53 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/12 19:37 |
| S55 | 66 | ("3593055" "3599109" "3634614" "3869614" "4000252" "4032351" "4100416" "4180740" "4206132" "4208299" "4228237" "4372745" "4441943" "4492751" "4604364" "4666862" "4695393" "4710635" "4724217" "4727020" "4837169" "4861711" "4868103" "4880750" "4905169" "4913883" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/12 19:48 |

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|-----|------|--|--------------------|-----|----|---------------------|
| | | "4983359" "5043265" "5066580" "5075078" "5089424" "5102786" "5132242" "5141740" "5141850" "5160701" "5166948" "5185265" "5188942" "5194289" "5196709" "5208651" "5244630" "5247339" "5252459" "5324633" "5326692" "5356782" "5360628" "5399315" "5512493" "5541012" "5573909" "5599578" "5602040" "5622871" "5637509" "5672478" "5674698" "5698397" "5714389" "5736410" "5750333" "5820826" "5922615" "5939331") PN. | | | | |
| S56 | 1011 | 422/82.07,82.08.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 08:26 |
| S57 | 788 | S56 and (analyzer or detector) | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 08:16 |
| S58 | 28 | S57 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 08:17 |
| S59 | 31 | S56 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:56 |
| S60 | 319 | 422/82.07.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:56 |
| S61 | 1322 | 422/82.08 | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:56 |
| S62 | 884 | 422/82.08.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:57 |
| S63 | 1011 | S60 or S62 | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:57 |
| S64 | 900 | S63 and fluoresc\$ | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:57 |
| S65 | 796 | S64 and (analyzer or detector or test) | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 10:58 |
| S66 | 660 | S65 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 11:55 |
| S67 | 0 | test strip and fluoresc\$ and temperature near5 couple | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 11:56 |
| S68 | 6 | test strip and temperature near5 couple | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:01 |
| S69 | 2335 | particle analyzer | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:01 |
| S70 | 333 | S69 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:09 |

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|-----|--------|---|--------------------|-----|-----|---------------------|
| S71 | 1 | ("5682038").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/13 12:16 |
| S72 | 0 | aerosol particle analyzer for measuring the amount of analyte in airborne particles. ti. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:16 |
| S73 | 0 | aerosol particle analyzer for measuring .ti. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:16 |
| S74 | 6 | aerosol particle analyzer.ti. | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:25 |
| S75 | 608 | particle adj (analyzer or detector) and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:26 |
| S76 | 406 | S75 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/13 12:26 |
| S77 | 1941 | 436/172.ccls. | USPAT | ADJ | ON | 2007/06/13 12:44 |
| S78 | 1629 | S77 and fluoresc\$ | USPAT | ADJ | ON | 2007/06/13 12:44 |
| S79 | 65 | S77 and aerosol | USPAT | ADJ | ON | 2007/06/13 12:51 |
| S80 | 55 | S78 and aerosol | USPAT | ADJ | ON | 2007/06/13 13:11 |
| S81 | 44567 | fluoresc\$ and biological and sample | USPAT | ADJ | ON | 2007/06/13 13:12 |
| S82 | 13382 | S81 and (detector or analyzer) | USPAT | ADJ | ON | 2007/06/13 13:17 |
| S83 | 0 | S82 and "422,435,436". clas. | USPAT | ADJ | ON | 2007/06/13 13:13 |
| S84 | 41 | S82 and (collection surface) | USPAT | ADJ | ON | 2007/06/13 13:17 |
| S85 | 179951 | (analyzer or detector or device or apparatus) and (fluorescence or fluorescent) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 08:46 |
| S86 | 19353 | S85 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 08:46 |
| S87 | 30 | ((("2002003115") or ("200200183858") or ("4754139") or ("4614961") or ("4752694") or ("4956686") or ("5021663") or ("5076097") or ("5146465") or ("5278435") or ("5286976") or ("5293041") or ("5300777") or ("5300915") or ("5550373") or ("5550373") or ("5667538") or ("5679965") or ("5701012") or ("5739554") or ("5834331") or ("5847397") or ("5900650") or | US-PGPUB; USPAT | OR | OFF | 2007/06/20 12:29 |

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|------|-------|---|--------------------|-----|----|---------------------|
| | | ("5909280") or ("5999250") or ("6080988") or ("6097031") or ("6230572") or ("6287940") or ("6295130") or ("6296779") or ("6324192") or ("6590710")).PN. | | | | |
| S88 | 4 | S87 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 11:45 |
| S89 | 4 | S87 and fluoresc\$ | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:09 |
| S90 | 3 | S87 and aerosol and fluoresc\$ | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:29 |
| S91 | 78525 | fluoresc\$ and biological and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:10 |
| S92 | 52506 | S91 and (analyzer or device or apparatus) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:13 |
| S93 | 52506 | S92 and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:14 |
| S94 | 32016 | S93 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:22 |
| S95 | 5140 | (bioparticle or biological sample) and aerosol and (heat or heating) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:24 |
| S96 | 3 | S95 and (fluorescence or flourscent) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:24 |
| S97 | 48153 | (fluorescent or fluorescence) and biological and method and heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:30 |
| S98 | 30609 | S97 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:33 |
| S99 | 7969 | S97 and @py<="2000" and @ay<="2000" | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:43 |
| S100 | 1095 | S99 and (fluorescent or fluorescence) same biological | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:50 |
| S101 | 304 | S100 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 12:57 |
| S102 | 58 | S100 and 436/172.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 14:19 |
| S103 | 379 | chemiluminescence same heat | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 14:32 |
| S104 | 304 | chemiluminescence same heat and (energy or light) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 14:34 |
| S105 | 136 | chemiluminescence same heat and (energy or light) and detector | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 15:04 |
| S106 | 299 | particle detector and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 15:10 |

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|------|-------|--|---------------------------|-----|----|---------------------|
| S107 | 2219 | 436/172.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:26 |
| S108 | 1405 | S107 and (detector or analyzer) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 15:11 |
| S109 | 1199 | S108 and fluoresc\$ | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 15:11 |
| S110 | 11 | ("4673288" "4790653" "4818103" "4927268" "4997275" "5013150" "5106187" "5135302" "5166537" "6320656" "RE36074").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/20 16:09 |
| S111 | 1089 | 436/172.ccls. and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:27 |
| S112 | 100 | "L38" and fluoresc\$ and (detector or analyzer) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:28 |
| S113 | 55 | S112 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:27 |
| S114 | 100 | "L38" and fluoresc\$ and (detector or analyzer) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:35 |
| S115 | 113 | collection surface and substrate and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 16:36 |
| S116 | 30 | collection surface same substrate and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 17:57 |
| S117 | 102 | collection surface same substrate and temperature | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:04 |
| S118 | 39205 | heater with surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:07 |
| S119 | 18 | S118 and substrate and collection surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:04 |
| S120 | 0 | ("2005/0147533").URPN. | USPAT | ADJ | ON | 2007/06/20 18:05 |
| S121 | 0 | ("2005/0147533").URPN. | USPAT | ADJ | ON | 2007/06/20 18:06 |
| S122 | 0 | ("2005/0147533").URPN. | USPAT | ADJ | ON | 2007/06/20 18:06 |
| S123 | 298 | S118 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:08 |
| S124 | 242 | S123 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:16 |
| S125 | 2360 | test strip and fluorescence and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:17 |
| S126 | 60 | test strip and fluorescence and substrate and (heater or thermal couple) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:26 |
| S127 | 228 | test strip and substrate and (heater or thermal couple) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:30 |

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| S128 | 40 | test strip and substrate and (heater or thermal couple) with (surface or top) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:35 |
| S129 | 100 | test strip and (heater or thermal couple) with (surface or top) | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:53 |
| S130 | 494 | test strip and heater | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:54 |
| S131 | 37 | test strip and heater near5 surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/20 18:54 |
| S132 | 11786 | wafer and heater same surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 12:04 |
| S133 | 9945 | S132 and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 12:05 |
| S134 | 72 | S133 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 12:05 |
| S135 | 0 | ("2005/0147533").URPN. | USPAT | ADJ | ON | 2007/06/21 15:04 |
| S136 | 0 | ("2005/0147533").URPN. | USPAT | ADJ | ON | 2007/06/21 15:04 |
| S137 | 57 | bioparticles and fluorescence | USPAT | ADJ | ON | 2007/06/21 15:04 |
| S138 | 57 | bioparticle and fluorescence | USPAT | ADJ | ON | 2007/06/21 15:12 |
| S139 | 7431 | (biological or bioparticles) and (fluorescent or fluorescence) and "436". clas. | USPAT | ADJ | ON | 2007/06/21 15:12 |
| S140 | 3960 | S139 and (heat\$3) | USPAT | ADJ | ON | 2007/06/21 15:13 |
| S141 | 230 | S139 and (heat\$3 near5 surface) | USPAT | ADJ | ON | 2007/06/21 15:43 |
| S142 | 1946 | 436/172.ccls. | USPAT | ADJ | ON | 2007/06/21 15:52 |
| S143 | 907 | S142 and (heat\$3) | USPAT | ADJ | ON | 2007/06/21 15:44 |
| S144 | 1946 | 436/172.ccls. | USPAT | ADJ | ON | 2007/06/21 15:52 |
| S145 | 65 | S144 and aerosol | USPAT | ADJ | ON | 2007/06/21 16:13 |
| S146 | 1 | ("6989086").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/21 16:15 |
| S147 | 169 | heater near5 surface and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 16:16 |
| S148 | 5 | ("3778229" "3924219" "3955929" "4015230" "4045178").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/21 16:22 |
| S149 | 2 | collection surface same carbon nanotube | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 17:15 |

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|------|-------|---|------------------------|-----|-----|------------------|
| S150 | 4211 | surface same carbon nanotube | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 17:15 |
| S151 | 2467 | surface with carbon nanotube | US-PGPUB; USPAT | ADJ | ON | 2007/06/21 17:16 |
| S152 | 602 | S151 and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 08:16 |
| S153 | 432 | carbon nanotubes and fluorescence and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 09:01 |
| S154 | 602 | sensor and surface with carbon nanotube | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 09:02 |
| S155 | 15 | S154 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 10:06 |
| S156 | 523 | "436".clas. and aerosol and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 10:06 |
| S157 | 289 | S156 and @ay<="2003" and @py<="2003" | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 10:11 |
| S158 | 78 | S157 and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 11:35 |
| S159 | 1 | ("6614215").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/22 11:35 |
| S160 | 11 | ("4673288" "4790653" "4818103" "4927268" "4997275" "5013150" "5106187" "5135302" "5166537" "6320656" "RE36074").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/22 12:06 |
| S161 | 125 | aerosol particles and fluorescence and sensor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/22 12:09 |
| S162 | 41217 | pH and humidity and control | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/22 12:09 |
| S163 | 1583 | pH same humidity same control | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/06/22 12:09 |
| S164 | 1 | ("4015230").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/22 12:36 |
| S165 | 14012 | heater with surface and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 12:36 |
| S166 | 216 | S165 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 14:35 |
| S167 | 1 | ("4241292").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/22 15:33 |
| S168 | 14012 | heater with surface and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 15:35 |
| S169 | 216 | S168 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 15:34 |
| S170 | 5018 | heater with surface and (detector) | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 15:35 |
| S171 | 161 | S170 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 16:01 |

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|------|-------|---|--------------------|-----|-----|---------------------|
| S172 | 72 | thermal couple with surface | US-PGPUB; USPAT | ADJ | ON | 2007/06/22 16:01 |
| S173 | 2 | ((("5332550") or ("3953792"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/25 08:26 |
| S174 | 1158 | aerosol and fluorescence and lense | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 10:50 |
| S175 | 639 | S174 and sensor | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 11:49 |
| S176 | 1757 | detector with pixel and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 11:49 |
| S177 | 359 | S176 and ("422".clas. or "435".clas. or "436".clas.) | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 11:50 |
| S178 | 359 | S176 and ("422".clas. or "435".clas. or "436".clas.) | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 11:50 |
| S179 | 155 | S178 and @py<="2003" and @ay<="2003" | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 11:54 |
| S180 | 139 | S179 and wavelengths | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 12:00 |
| S181 | 0 | array of pixel with detector | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 12:01 |
| S182 | 989 | array adj pixels with detector | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 12:01 |
| S183 | 131 | S182 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 12:17 |
| S184 | 466 | detector with plurality adj wavelength | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 12:17 |
| S185 | 54 | S184 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/25 16:23 |
| S186 | 1 | ("5771094").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/25 16:23 |
| S187 | 6 | controller with humidity with temperature with pH | US-PGPUB; USPAT | ADJ | ON | 2007/06/28 17:03 |
| S188 | 1 | S187 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/06/28 17:03 |
| S189 | 4019 | sensor same heater with surface | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 07:59 |
| S190 | 146 | S189 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 07:56 |
| S191 | 74 | S189 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:03 |
| S192 | 177 | S189 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:11 |
| S193 | 20026 | heater near4 surface | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:11 |
| S194 | 344 | S193 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:35 |
| S195 | 1 | ("5520881").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/02 08:36 |

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|------|--------|---|--------------------|-----|-----|---------------------|
| S196 | 63 | chemical controller | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:40 |
| S197 | 6 | S196 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 08:47 |
| S198 | 1 | ("5992215").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/02 08:59 |
| S199 | 6 | chemical controller and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:02 |
| S200 | 2 | chemical controller and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:04 |
| S201 | 63 | chemical controller | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:37 |
| S202 | 2 | chemical controller same substrate | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:04 |
| S203 | 671 | chemical near5 controller and substrate | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:07 |
| S204 | 53 | S203 and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:17 |
| S205 | 82 | aerosol same controller same chemical | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 09:17 |
| S206 | 28 | chemical controller same sensor | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:19 |
| S207 | 3 | chemical controller same analyzer | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:27 |
| S208 | 3 | analyzer and fluorescence | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:27 |
| S209 | 118806 | fluorescence and analyzer or detector and chemical | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:41 |
| S210 | 7968 | S209 and "436".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:38 |
| S211 | 0 | S209 and "436/172".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:38 |
| S212 | 1075 | S209 and "436/172".ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:38 |
| S213 | 27984 | fluorescence and (analyzer or detector) and chemical | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 10:41 |
| S214 | 883 | S213 and 436/172.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/07/02 11:04 |
| S215 | 1 | ("4651010").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/02 11:04 |

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|------|-------|---|---------------------------|-----|-----|---------------------|
| S216 | 30 | ((("2002003115") or ("200200183858") or ("4754139") or ("4614961") or ("4752694") or ("4956686") or ("5021663") or ("5076097") or ("5146465") or ("5278435") or ("5286976") or ("5293041") or ("5300777") or ("5300915") or ("5550373") or ("5550373") or ("5667538") or ("5679965") or ("5701012") or ("5739554") or ("5834331") or ("5847397") or ("5900650") or ("5909280") or ("5999250") or ("6080988") or ("6097031") or ("6230572") or ("6287940") or ("6295130") or ("6296779") or ("6324192") or ("6590710"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/12/18 08:38 |
| S217 | 4 | S216 and fluoresc\$4 | US-PGPUB; USPAT | ADJ | ON | 2007/12/18 09:10 |
| S218 | 3 | S217 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/12/18 08:38 |
| S219 | 28630 | aerosol and fluoresc\$4 | US-PGPUB; USPAT | ADJ | ON | 2007/12/18 09:11 |
| S220 | 6010 | S219 and detector | US-PGPUB; USPAT | ADJ | ON | 2007/12/18 09:11 |
| S221 | 823 | "L9" and isolate | US-PGPUB; USPAT | ADJ | ON | 2007/12/18 09:11 |
| S222 | 528 | S220 and insulat\$3 | US-PGPUB; USPAT | ADJ | ON | 2007/12/18 09:13 |
| S223 | 40 | S222 and collection same aerosol | US-PGPUB; USPAT | ADJ | ON | 2007/12/18 09:13 |
| S224 | 1 | GB-2409036-\$.DID. | DERWENT | ADJ | ON | 2008/01/03 12:11 |
| S225 | 4 | ((("6985818") or ("5397536") or ("6040191") or ("6174677"))).PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/03 13:45 |
| S226 | 1 | ("6408704").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/03 13:55 |
| S227 | 34 | aerosol same fluorescence same substrate | US-PGPUB; USPAT | ADJ | ON | 2008/01/03 13:55 |
| S228 | 4 | ("6194731").PN. OR ("6664550").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/03 15:55 |
| S229 | 273 | substrate same thermally and isolated and aerosol | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/03 15:55 |
| S230 | 14 | (substrate same thermally same isolated) and aerosol | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/03 16:27 |

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|------|-----|--|---------------------------|-----|-----|---------------------|
| S231 | 352 | substrate and aerosol and carbon near2 nanotubes | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/03 16:28 |
| S232 | 83 | substrate with aerosol and carbon near2 nanotubes | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/03 16:28 |
| S233 | 41 | substrate with aerosol and (carbon near2 nanotubes same surface) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/03 16:44 |
| S234 | 7 | S233 and fluorescence | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/03 16:44 |
| S235 | 17 | substrate with aerosol and (adsorbate same surface) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/03 16:44 |
| S236 | 1 | S235 and fluorescence | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/03 16:44 |
| S237 | 27 | particle with analyzer same substrate same temperature | US-PGPUB; USPAT | ADJ | ON | 2008/01/04 07:52 |
| S238 | 16 | S237 and @py<="2003" and @ay<="2003" | US-PGPUB; USPAT | ADJ | ON | 2008/01/04 09:26 |
| S239 | 3 | ((("6187268") or ("5916156") or ("4824640")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/04 09:36 |
| S240 | 1 | ("6715263").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/04 09:36 |
| S241 | 9 | banks percival.in. | US-PGPUB; USPAT | ADJ | ON | 2008/01/04 09:37 |
| S242 | 1 | ("5922215").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/10 11:22 |
| S243 | 1 | ("5992215").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/10 11:22 |
| S244 | 3 | ((("5682038") or ("5528045") or ("7201878")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/07/14 15:15 |
| S245 | 1 | S244 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2008/07/14 15:15 |
| S246 | 1 | ("20050179893").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/14 15:16 |
| S247 | 1 | ("7153475").PN. | US-PGPUB; USPAT | OR | OFF | 2008/07/14 15:17 |
| S248 | 1 | ("20030052281").PN. | US-PGPUB; USPAT | OR | OFF | 2008/07/14 15:19 |
| S249 | 69 | particle analyzer same fluorescence | US-PGPUB; USPAT | ADJ | ON | 2008/07/14 15:22 |
| S250 | 10 | S249 and aerosol | US-PGPUB; USPAT | ADJ | ON | 2008/07/14 15:23 |
| S251 | 1 | S250 and @py<="2003" and @ay<="2003" | US-PGPUB; USPAT | ADJ | ON | 2008/07/14 15:23 |
| S252 | 1 | ("6532067").PN. | US-PGPUB; USPAT | OR | OFF | 2008/07/14 15:26 |

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|------|-----|---|-----------------|-----|-----|------------------|
| S253 | 91 | analyzer same fluorescence and aerosol and (concentrate or concentrator) | US-PGPUB; USPAT | ADJ | ON | 2008/07/14 15:34 |
| S254 | 19 | S253 and @ay<="2003" and @py<="2003" | US-PGPUB; USPAT | ADJ | ON | 2008/07/14 15:34 |
| S255 | 62 | thomson george.in. | US-PGPUB; USPAT | ADJ | ON | 2008/07/15 10:10 |
| S256 | 1 | ("H000188").PN. | US-PGPUB; USPAT | OR | OFF | 2008/07/15 10:11 |
| S257 | 389 | 378/45.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/07/15 10:40 |
| S258 | 13 | S257 and concentrate and particle | US-PGPUB; USPAT | ADJ | ON | 2008/07/15 10:41 |
| S259 | 2 | S258 and fluoresce | US-PGPUB; USPAT | ADJ | ON | 2008/07/15 10:41 |
| S260 | 1 | (particle and analyzer and concentrator and sample and collection and surface and adsorbate and energy source and detector and induced and fluorescence and particles and particles).clm. | US-PGPUB | ADJ | ON | 2009/01/08 09:56 |
| S261 | 0 | (particle and analyzer and concentrator and sample and collection and surface and adsorbate and energy source and detector excitation and blind and reflective and induced).clm. | US-PGPUB | ADJ | ON | 2009/01/08 09:56 |
| S262 | 1 | (particle and analyzer and concentrator and sample and collection and surface and adsorbate and energy source and detector and excitation and blind and reflective and induced).clm. | US-PGPUB | ADJ | ON | 2009/01/08 09:57 |
| S263 | 1 | (particle and analyzer and concentrator and sample and collection and surface and adsorbate and energy source and detector and wavelengths and plurality and sensitive).clm. | US-PGPUB | ADJ | ON | 2009/01/08 09:57 |
| S264 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and adjusting and coupled and surface).clm. | US-PGPUB | ADJ | ON | 2009/01/08 09:58 |

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|------|---|--|----------|-----|----|---------------------|
| S265 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and adjusting and coupled and surface and isolated).clm. | US-PGPUB | ADJ | ON | 2009/01/08 09:58 |
| S266 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and adjusting and coupled and cavity and suspended).clm. | US-PGPUB | ADJ | ON | 2009/01/08 09:58 |
| S267 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and adjusting and coupled and support and member and cavity and disposed).clm. | US-PGPUB | ADJ | ON | 2009/01/08 09:59 |
| S268 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and adjusting and coupled and support and member and legs).clm. | US-PGPUB | ADJ | ON | 2009/01/08 09:59 |
| S269 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and temperature and disposed and adjacent and support member).clm. | US-PGPUB | ADJ | ON | 2009/01/08 09:59 |
| S270 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and adjusting and coupled and cavity and suspended and wafer).clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:02 |
| S271 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and adjusting and coupled and cavity and suspended and heater).clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:02 |

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|------|---|---|----------|-----|----|---------------------|
| S272 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and adjusting and coupled and cavity and suspended and cooling). clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:02 |
| S273 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and adjusting and coupled and cavity and suspended and adsorbate). clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:02 |
| S274 | 1 | (particle and analyzer and device and substrate and sample and collection and surface and particles and temperature and adjusting and coupled and cavity and suspended and nanotubes). clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:02 |
| S275 | 1 | (particle and analyzer and device and concentrator and sample and collection and surface and particles and substrate and thermally isolated and energy source and fluorescence and detector and induced fluorescence). clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:03 |
| S276 | 1 | (particle and analyzer and device and concentrator and sample and collection and surface and particles and substrate and thermally isolated and energy source and fluorescence and detector and induced fluorescence and coupled). clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:03 |
| S277 | 1 | (particle and analyzer and device and concentrator and sample and collection and surface and particles and substrate and thermally isolated and energy source and fluorescence and detector and induced fluorescence and heating). clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:04 |

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|------|---|--|----------|-----|----|---------------------|
| S278 | 1 | (particle and analyzer and device and concentrator and sample and collection and surface and particles and substrate and thermally isolated and energy source and fluorescence and detector and induced fluorescence and cooling).clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:04 |
| S279 | 1 | (particle and analyzer and device and concentrator and sample and collection and surface and particles and substrate and thermally isolated and energy source and fluorescence and detector and induced fluorescence and induces and excitation).clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:04 |
| S280 | 1 | (particle and analyzer and device and concentrator and sample and collection and surface and particles and substrate and thermally isolated and energy source and fluorescence and detector and excitation and blind and reflective energy and source).clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:04 |
| S281 | 1 | (particle and analyzer and device and concentrator and sample and collection and surface and particles and substrate and thermally isolated and energy source and fluorescence and detector and excitation and angle and impinge and relative).clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:05 |
| S282 | 1 | (particle and analyzer and device and concentrator and sample and collection and surface and particles and substrate and thermally isolated and energy source and fluorescence and detector and excitation and sensitive and wavelengths and plurality).clm. | US-PGPUB | ADJ | ON | 2009/01/08 10:05 |

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